2002
Virginia Department of Transportation
Daily Traffic Volume Estimates

Special Locality Report
136

City of Waynesboro

Prepared By

Virginia Department of Transportation
Mobility Management Division

In Cooperation With

U.S. Department of Transportation
Federal Highway Administration

Virginia Department of Transportation
Mobility Management Division
Traffic Monitoring Section

The Virginia Department of Transportation (VDOT) conducts a program where traffic count data are gathered from sensors in or along streets and highways and other sources. From these data, estimates of the average number of vehicles that traveled each segment of road are calculated. VDOT periodically publishes booklets listing these estimates.

One of these booklets, titled "Average Daily Traffic Volumes with Vehicle Classification Data, on Interstate, Arterial and Primary Routes" includes a list of each Interstate and Primary highway segment with the estimated Annual Average Daily Traffic (AADT) for that segment. AADT is the total annual traffic estimate divided by the number of days in the year. This booklet also includes information such as estimates of the percentage of the AADT made up by 6 different vehicle types, ranging from cars to double trailer trucks; estimated Annual Average Weekday Traffic (AAWDT), which is the number of vehicles estimated to have traveled the segment of highway during a 24 hour weekday averaged over the year; as well as Peak Hour and Peak Direction factors used by planners to formulate design criteria.

In addition to the Primary and Interstate publication, one hundred books are published periodically, one for each of 100 areas across the state defined by VDOT for record-keeping purposes. These books include traffic volume estimates for roads within the county, cities, and towns within the area. These books are titled "Daily Traffic Volumes Including Vehicle Classification Estimates, where available; Jurisdiction Report numbers 00 through 99".

Also available are a number of reports summarizing the average Vehicle Miles Traveled (VMT) in selected jurisdictions and other categories of highways. There are many different ways to present traffic volume summary information. Because the user determines the value of each presentation, the reports have been redesigned based on user requests and feedback. The people at VDOT Mobility Management's Traffic Monitoring Section who produce these books welcome requests for other helpful ways of presenting the summary information.

A compact disc (CD) is available that includes files in the Adobe® Portable Document Format (PDF) that can be displayed, searched, and printed using common desktop computer equipment. The CD includes the publications described above as well as a number of other reports, including specialized VMT summaries and smaller AADT reports for each city and town separately.

Publication Notes

Parallel Roads

For road inventory and management purposes, some roadways are counted separately by direction and have separately published traffic estimates for each direction of travel. Examples of such roadways are the interstate system and routes with separated facilities and (usually) one-way traffic facilities in urban areas. In these publications, they are referred to as parallel roads. As a convenience for the users of the publication, the listing for segments of roads with parallel segments are published with both the traffic estimates for their own direction of travel (e.g. I-95 Northbound) as well as the estimate of the total of all traffic on the same route including parallel roadways (all directions of I-95). The publication will have a "Combined Traffic Estimates for Parallel Roadways on this Route" or "Combined Traffic" identifiers for the combined direction of travel estimates.

Roadways such as I-395 with a North segment, a South segment and a separate Reversible lane segment will have the estimate for more than two parallel roadways included in the entire combined traffic estimate.

Some routes have very complicated paths through cities and towns. These parallel paths may be too complex to allow a relationship between nearby sections of the opposite direction on the same route. In this case, to indicate that the traffic estimates for such a road segment may not include all directions of traffic on that route, the line that would list the combined values will indicate "NA" for not available.

VDOT's traffic monitoring program includes more than 100,000 segments of roads and highways ranging from several mile sections of Interstate highways to very short sections of city streets. Due to problems experienced obtaining some traffic count data, and the level of quality necessary to maintain confidence in the data, no estimate is currently available for some segments of roadway. These segments are included in the publications indicating "NA" for not available. It is the intention of the VDOT's Mobility Management Traffic Monitoring group to obtain the data necessary and to report traffic volume estimates on all road segments included in these publications.

Many of the road segments in this program are local secondary roads. The amount and detail of data collected on these roads are not as great as the data collected on higher volume roads. The vehicle classification, average weekday traffic volumes, and the theoretical design hour traffic volumes are not calculated for these roads. The publications indicate "NA" for the information that is not available.

This publication is based on a traffic monitoring program initiated in 1997. Because the data collection techniques and statistical evaluation processes are different than those used in previous years, comparison with previous publications may be misleading.

Glossary of Terms:

Route: The Route Number assigned to this segment of roadway with the master inventory route number if this is an overlapping route, with official street or highway name if available.

Length: Length of the traffic segment in miles.

AADT: Annual Average Daily Traffic. The estimate of typical daily traffic on a road segment for all days of the week, Sunday through Saturday, over the period of one year.

QA: Quality of AADT:

- A Average of Complete Continuous Count Data
- B Average of Selected Continuous Count Data
- F Factored Short Term Traffic Count Data
- G Factored Short Term Traffic Count Data with Growth Element
- H Historical Estimate
- M Manual Uncounted Estimate
- N AADT of Similar Neighboring Traffic Link
- O Provided By External Source
- R Raw Traffic Count, Unfactored

4Tire: Percentage of the traffic volume made up of motorcycles, passenger cars, vans and pickup trucks.

Bus: Percentage of the traffic volume made up of busses.

2Axle Truck: Percentage of the traffic volume made up of 2 axle single unit trucks (not including pickups and vans).

3+Axle Truck: Percentage of the traffic volume made up of single unit trucks with three or more axles.

1Trail Truck: Percentage of the traffic volume made up of units with a single trailer.

2Trail Truck: Percentage of the traffic volume made up of units with more than one trailer.

QC: Quality of Classification Data:

- A Average of Complete Continuous Count Data
- B Average of Selected Continuous Count Data
- C Short Term Classified Traffic Count Data
- F Factored Short Term Traffic Count Data
- H Historical Estimate
- M Mass Collective Average
- N Classification Estimates of Similar Neighboring Traffic Link

Peak Hour: The estimate of the traffic volume for the 30th highest traffic volume occurring in a one-year period divided by the AADT for the same one-year period.

QK: Quality of the Peak Hour estimate:

- A Factor based on 30th Highest Hour Observed During 12 Months of Continuous Traffic Data
- B Factor based on 30th Highest Hour Observed During Less than 12 Months of Continuous Traffic Data
- F Factor based on Highest Hour Collected at in a 48 Hour Weekday Period
- M Factor based on Manual Estimate of 30th Highest Hour
- N Peak Hour Factor of Similar Neighboring Traffic Link
- O Provided by External Source

Dir Factor: The estimate of the portion of the traffic volume traveling in the peak direction during the Peak Hour..

AAWDT: Average Annual Weekday Traffic. The estimate of typical traffic over the period of one year for the days between Monday through Thursday inclusive.

QW: Quality of AAWDT:

- A Average of Complete Continuous Count Data
- B Average of Selected Continuous Count Data
- F Factored Short Term Traffic Count Data
- G Factored Short Term Traffic Count Data with Growth Element
- M Manual Uncounted Estimate
- N AAWDT of Similar Neighboring Traffic Link
- O Provided by External Source

Year: Year for which the published values are appropriate. If the Quality of AADT (QA) is "R", the year is the year that the raw traffic count was collected, and if available,

Route Shield Legend

Route Systems

Interstate Route

Traffic volume data for Interstate Routes and some other routes are reported separately by direction, as well as combined.

US Route

Virginia State Route

Secondary Route

Special Routes

Bus - Business Route
Bypas - Bypass Route
Truck - Truck Route

ALT - Alternate Route
Wve - Wve Route connector

P - Parallel Route; Southbound or Westbound direction lanes of a numbered route where they are on a different road facility than the other direction.

The VDOT Maintainenance Jurisdiction number is displayed below the Secondary Route Number if the Maintenance Jurisdiction is different than the jurisdiction in the title of the report.

Virginia Department of Transportation
Mobility Management Division
2002
Annual Average Daily Traffic Volume Estimates By Section of Route
City of Waynesboro

Route	From / To	Length	AADT	QA	Year
City of Waynesboro					
East 64	From: WCL Waynesboro	0.23	**17000**	**G**	2002
		Combined Traffic:	**31000**	**G**	
	To: US 340 / From:				
East 64		1.95	**16000**	**A**	2002
		Combined Traffic:	**32000**	**A**	
	To: 136-5118 Delphine Ave To 07-624 / From:				
East 64		0.70	**14000**	**G**	2002
		Combined Traffic:	**27000**	**G**	
	To: ECL Waynesboro				
West 64	From: WCL Waynesboro	0.43	**15000**	**G**	2002
		Combined Traffic:	**31000**	**G**	
	To: US 340 / From:				
West 64		2.15	**16000**	**A**	2002
		Combined Traffic:	**32000**	**A**	
	To: 07-624 Delphine Ave / From:				
West 64		0.30	**13000**	**G**	2002
		Combined Traffic:	**27000**	**G**	
	To: ECL Waynesboro				
250 Main St	From: WCL Waynesboro	0.84	**21000**	**G**	2002
	To: Carman Ave / From:				
250 Main St		0.30	**23000**	**G**	2002
	To: Hopeman Pkwy / From:				
250 Main St		0.67	**15000**	**G**	2002
	To: US 340 Rosser Ave / From:				
250 Main St		0.25	**13000**	**G**	2002
	To: Poplar Ave / From:				
250 Broad St		0.50	**14000**	**G**	2002
	To: Wayne Ave / From:				
250 Broad St		0.12	**11000**	**G**	2002
	To: Arch Ave / From:				
250 Broad St		0.44	**7800**	**G**	2002
	To: US 340 Main St				
	From: US 340 Broad St				
250 Main St		0.19	**13000**	**G**	2002
	To: US 340 Delphine Ave				
	From: Delphine Ave				
250 Main St		1.00	**7900**	**G**	2002
	To: Hunter St / From:				
250 Main St		0.44	**6500**	**G**	2002
	To: ECL Waynesboro				
	From: WCL Waynesboro				
254 Ivy St		1.19	**6800**	**G**	2002
	To: Hopeman Pkwy / From:				
254 Ivy St		0.52	**7000**	**G**	2002
	To: King Ave / From:				
254 Poplar Ave		0.30	**12000**	**G**	2002
	To: Broad St / From:				
254 Poplar Ave		0.07	**3800**	**G**	2002
	To: Main St				

Route	From / To	Length	AADT	QA	Year
City of Waynesboro					
	From: WCL Waynesboro				
340 Rosser Ave		0.34	**19000**	**G**	2002
	To: I-64 / From:				
340 Rosser Ave		0.56	**21000**	**G**	2002
	To: Lew Dewitt Blvd / From:				
340 Rosser Ave		0.71	**13000**	**G**	2002
	To: Northgate Ave / From:				
340 Rosser Ave		0.61	**11000**	**G**	2002
	To: Forrest Dr / From:				
340 Rosser Ave		0.56	**8600**	**G**	2002
	To: US 250 Main St				
	From: Rosser Ave				
340 Main St		0.38	**9900**	**G**	2002
	To: New Hope Rd / From:				
340 Main St		0.35	**7600**	**G**	2002
	To: Wayne Ave / From:				
340 Main St		0.14	**5800**	**G**	2002
	To: Arch Ave / From:				
340 Main St		0.39	**8700**	**G**	2002
	To: US 250 Broad St / From:				
340 250 Main St		0.19	**13000**	**G**	2002
	To: Main St / From:				
340 Delphine Ave		0.25	**11000**	**G**	2002
	To: 7th St / From:				
340 Delphine Ave		0.60	**11000**	**G**	2002
	To: Second St / From:				
340 Delphine Ave		0.81	**9100**	**G**	2002
	To: Hopeman Pkwy / From:				
340 Delphine Ave		0.25	**9100**	**G**	2002
	To: NCL Waynesboro				
	From: Shenandoah Ave				
1 Kirby St		0.12	**320**	**G**	2002
	To: A Street				
	From: Kirby Ave				
2 "A" Street		0.22	**1400**	**G**	2002
	To: ECL Waynesboro				
	From: Rosser Ave				
5100 Thirteenth St		0.63	**4300**	**G**	2002
	To: Pine Ave / From:				
5100 Thirteenth St		0.43	**2800**	**G**	2002
	To: Arch Ave				
	From: Northgate Ave				
5101 Davis Rd		0.09	**770**	**G**	2002
	To: Vedette St / From:				
5101 Vedette Ave		0.68	**780**	**G**	2002
	To: Main St				
	From: Davis Rd				
5103 Northgate Ave		0.33	**2300**	**G**	2002
	To: Meadowbrook Rd / From:				
5103 Meadowbrook Rd		0.76	**3100**	**G**	2002
	To: Lyndhurst Rd				
	From: Main St				
5104 Hopeman Pkwy		0.89	**8700**	**G**	2002
	To: Ivy St				

Virginia Department of Transportation
Mobility Management Division
2002
Annual Average Daily Traffic Volume Estimates By Section of Route
City of Waynesboro

Route	Length	AADT	QA	Year
City of Waynesboro				
From: Ivy St				
5104 Hopeman Pkwy	0.96	**7500**	**G**	2002
To: King Ave				
From: King Ave				
5104 Hopeman Pkwy	0.58	**7200**	**G**	2002
To: Genicom Dr				
From: Genicom Dr				
5104 Hopeman Pkwy	0.29	**6100**	**G**	2002
To: Delphine Ave				
From: SWCL Waynesboro				
5105 Lyndhurst Rd	1.61	**3000**	**G**	2002
To: Meadowbrook Rd				
From: Meadowbrook Rd				
5105 Lyndhurst Rd	0.65	**5600**	**G**	2002
To: Woodrow Ave				
From: Woodrow Ave				
5105 Wayne Ave	0.37	**6300**	**G**	2002
To: 13Th St				
From: 13Th St				
5105 Wayne Ave	0.47	**5600**	**G**	2002
To: US 250 Broad St				
From: Ohio St				
5105 Florence Ave	0.83	**1800**	**G**	2002
To: Bridge Ave				
From: Dead End				
5106 New Hope Rd	0.59	**NA**		
To: Hopeman Pkwy				
From: Guilford La				
5106 Whitebridge Rd	0.98	**940**	**G**	2002
To: NCL Waynesboro				
From: Ivy St				
5107 King Ave	0.62	**5500**	**G**	2002
To: Bridge St				
From: Bridge St				
5107 King Ave	0.57	**3500**	**G**	2002
To: Hopeman Pkwy				
From: 13Th St				
5108 Poplar Ave	0.29	**2400**	**G**	2002
To: Main St				
From: Delphine Rd				
5109 Windsor Rd	0.43	**3800**	**G**	2002
To: Lyndhurst Rd				
From: Charlotte Ave				
5110 4th St	0.31	**1300**	**G**	2002
To: Delphine Ave				
From: Delphine Ave				
5110 4th St	0.46	**2400**	**G**	2002
To: Jackson Ave				
From: Wayne Ave				
5111 Arch Ave	0.85	**2600**	**G**	2002
To: Broad St				
From: Hopeman Pkwy				
5112 Bridge Ave	1.02	**1900**	**G**	2002
To: Bath St				
From: Bath St				
5112 Second St	0.24	**4300**	**G**	2002
To: Delphine St				
From: Main St				
5113 Charlotte Ave	0.72	**3100**	**G**	2002
To: 3 Rd St				
From: Charlotte Ave				
5113 3rd St	0.18	**1400**	**G**	2002
To: Bath Ave				

Route	Length	AADT	QA	Year
City of Waynesboro				
From: Delphine Ave				
5114 Shenandoah Ave	0.58	**850**	**G**	2002
To: Kirby Ave				
From: SCL Waynesboro				
5118 Delphine Ave	1.22	**4800**	**G**	2002
To: I-64				
From: I-64				
5118 Delphine Ave	2.25	**8400**	**G**	2002
To: Main St US 250				
From: Delphine Ave				
5119 Oak La	1.39	**410**	**G**	2002
To: Lyndhurst Ave				
From: Hopeman Pkwy				
5120 Sherwood Rd	0.18	**1700**	**G**	2002
To: NCL Waynesboro				
From: White Bridge Rd				
5121 New Hope Rd	0.07	**1100**	**G**	2002
To: Guilford La				
From: Hampton Dr				
5121 Guilford La	0.08	**1700**	**G**	2002
To: Ivy St				
From: Rosser Ave				
5122 Lew Dewitt Blvd	1.45	**9100**	**G**	2002
To: Main St				
From: 2Nd St				
Bath Ave		**1600**	**G**	2002
To: 3Rd St				
From: 3rd Street				
Bath Avenue		**400**	**G**	2002
To: 4th Street				
From: Greenbrier Rd				
Chatham Rd		**230**	**G**	2002
To: Sunset Ln				
From: 13Th St				
Cherry Ave		**200**	**G**	2002
To: 14Th St				
From: 12Th St				
Chestnut Ave		**380**	**G**	2002
To: 13Th St				
From: Route 254				
Edward Avenue		**350**	**G**	2002
To: Hickory Street				
From: Hemlock St				
Florence Ave		**1600**	**G**	2002
To: Bridge Ave				
From: Bader St				
Monticello St		**190**	**G**	2002
To: Dead End				